

Title (en)

EXTRUDER FOR USE IN A DISPENSER OF A LOOSE PRODUCT FOR THE PREPARATION OF BEVERAGES

Title (de)

EXTRUDER ZUR VERWENDUNG IN EINEM SPENDER EINES LOSEN PRODUKTES ZUR ZUBEREITUNG VON GETRÄNKEN

Title (fr)

EXTRUDEUSE À UTILISER DANS UN DISTRIBUTEUR DE PRODUIT EN VRAC DESTINÉ À LA PRÉPARATION DE BOISSONS

Publication

**EP 2895038 A1 20150722 (EN)**

Application

**EP 14716406 A 20140115**

Priority

- US 201361755025 P 20130122
- IB 2014058283 W 20140115

Abstract (en)

[origin: WO2014115061A1] An extruder (100) for use in a dispenser (1) of a loose product (30) for the preparation of beverages, comprising: a housing (110), defining a product inlet (112), a product outlet (114), and a bore (116) that interconnects the product inlet and the product outlet; a screw feeder (120) including a screw blade (124) that is both rotatably and translatably received in the bore (116), such that it is axially movable along the longitudinal axis (/) between a first position and a second position; and a first sealing device (126b) that is configured to releasably fluidtightly seal a portion of the bore (116) interconnecting the product inlet (112) and the product outlet (114) in dependence of the axial position of the screw blade (124).

IPC 8 full level

**A47J 31/40** (2006.01); **B65G 33/24** (2006.01)

CPC (source: EP RU US)

**A47J 31/404** (2013.01 - EP RU US); **B65G 33/14** (2013.01 - US); **B65G 33/26** (2013.01 - US); **B65G 33/38** (2013.01 - US); **B65G 33/22** (2013.01 - EP US); **B65G 2201/04** (2013.01 - US); **B65G 2812/0572** (2013.01 - US)

Citation (search report)

See references of WO 2014115061A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014115061 A1 20140731**; BR 112015017142 A2 20170711; CN 104822298 A 20150805; CN 104822298 B 20191105; EP 2895038 A1 20150722; EP 2895038 B1 20160406; JP 2016508046 A 20160317; JP 6030249 B2 20161124; RU 2015123465 A 20170302; RU 2642766 C2 20180125; US 2015259152 A1 20150917; US 9561909 B2 20170207

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